

AMENDMENTS TO THE CLAIMS

Please amend the claims to read as follows, and cancel without prejudice or disclaimer for resubmission in a divisional or continuation application claims indicated as cancelled. The listing of claims will replace all prior versions and listing of claims in the application.

Listing of Claims

1. **(Currently Amended)** A method for ultraviolet (UV) liquid disinfection, the method comprising:
 - providing a stream of liquid to be disinfected by UV-radiation, said liquid including contaminants; and
 - disinfecting the stream of liquid by directing, within said stream of liquid, said UV-radiation ~~at an angular orientation that enables~~ such that said UV-radiation is being guided throughout said stream and the liquid to be disinfected ~~to serve~~ serves as a flowing liquid wave guide for the UV-radiation along the longitudinal trajectory of the stream using total internal reflection.
2. – 3. (Cancelled)
4. (Original) The method of Claim 1, wherein said UV-radiation is generated by a laser source.
5. – 15. (Cancelled)
16. (Previously Presented) The method of Claim 1, wherein said liquid having a refractive index greater than a refractive index of a medium surrounding said liquid.
17. (Previously Presented) The method of Claim 1, wherein the UV-radiation being UVA-radiation, UVB-radiation or UVC-radiation.
18. (Previously Presented) The method of claim 1, wherein the liquid being water or wastewater.